

MAKE THESE
YOURSELF

of



BIRCH
PLYWOOD

write for

FREE

HOBBY PLANS

NEW MODERN DESIGNS

of

FURNITURE AND NOVELTIES

for

THE HOME CRAFTSMAN

See Illustrated Plans Inside

This is an Easy Way to Finish IP. BIRCH PLYWOODS

PREPARING THE SURFACE



Proper smoothing of the surface by sanding is of major importance. Finishing accents imperfections, rather than hides them, so the Birch Plywood should be sanded carefully with very fine flint or garnet sandpaper (004 or finer) using a sandpaper block. Dust off with a tack rag or cloth moistened with turpentine.

SEALING THE GRAIN

Birch being a close-grained wood does not ordinarily require a paste wood filler. However, to equalize the overall absorption of the wood, where curly grain is present, apply a liberal coat of clear sealer. When thoroughly dry sand again with very fine sandpaper. Exposed surfaces, such as drawers and doors, should be sealed both sides and all edges.



CREATING COLOR EFFECT



Tinting Birch Plywood brings out its rich, natural grain, and may be achieved with stains or color-toned sealers. For example, White Rez tinted with oil colors which are readily available in small tubes will provide beautiful blonde, bleached or pastel wood effects. Oil stains will bleed into the finish coat (varnish or lacquer) and should be followed by a wash coat of white shellac reduced 25% with alcohol. This will ensure an attractive transparent

finish and maintain the colour tone which has been applied. When dry rub down again with fine steel wool rather than sandpaper.

BUILDING UP FINISH

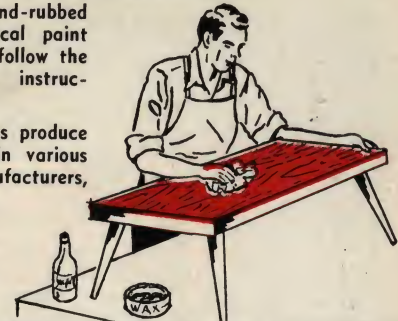
For a final finish two or more coats of satin varnish or dull varnish can be applied depending on whether you prefer a glossy or dull effect. Sand very lightly between coats with very fine sandpaper. Also clean carefully between coats with tack rag or cloth moistened with turpentine to remove all dust. Finish off by rubbing carefully and evenly with fine steel wool which has been dipped in paste wax. For a high polish buff with a soft cloth.



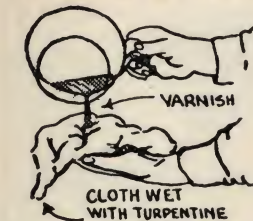
RUBBING AND POLISHING

To achieve elaborate hand-rubbed effects, consult your local paint or hardware dealer and follow the manufacturer's detailed instructions very carefully.

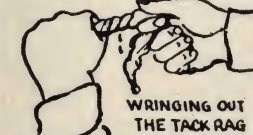
Most paint manufacturers produce ready-mixed oil stains in various wood tones. Other manufacturers, such as Imperial Varnish and Color Company Limited, manufacture a colorizer oil wood stain which have attached color tubes that are squeezed into the stain base to produce the tone desired. Final surface finishing is fully described by these manufacturers.



MAKE A TACK RAG



To make sure of a dust free finish the tack rag should be carried on the finger tips carefully into all corners. Soak clean cotton cloth in warm water, wring out and sprinkle with turpentine, then pour two teaspoons varnish on cloth. Twist repeatedly until nearly dry.

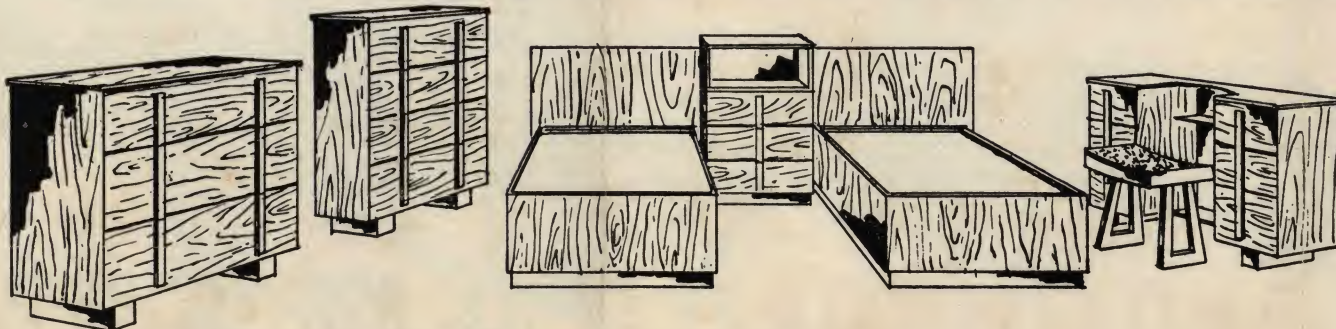


BRUSH ON VARNISH

The areas to be varnished is first lined-in around edge surface. Cross brushing "A" is done across the grain, applying a full-bodied coat. Tipping-off "B" is done with a nearly dry brush, which should just barely touch the varnish coat.



Make a Complete Twin-Bed 7-Piece Bedroom Suite



Here is an opportunity to build an attractive 7-piece suite to suit any size or type of home.

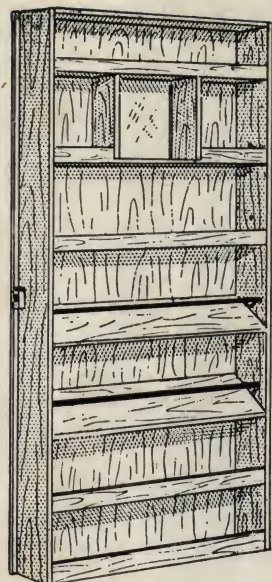
The fully detailed plans will make construction simple for even the most novice home craftsman. Two low dressers may be substituted for the one high and low type to make a full length unit of two dressers and vanity. Finishing instructions are as detailed above.

PLAN NO. IPF 15

These Scaled Plans of **FURNITURE** are Free to You!

CLOTHES CLOSET SHELF DOOR

PLAN NO. IPF.6
A great space saver for those who lack cupboard space.

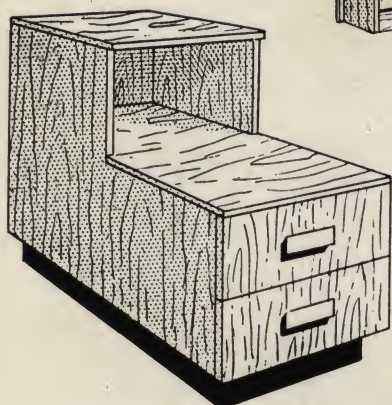


Every piece of furniture has been designed to enable you to utilize the more economical IP. Birch Plywood Panels which naturally cost much less than large plywood sheets. Three-foot width panels, in lengths of four feet to eight feet, will meet all your requirements. Cut-off pieces can be used for novelty toys.

ASK FOR SMALL SIZE PANELS

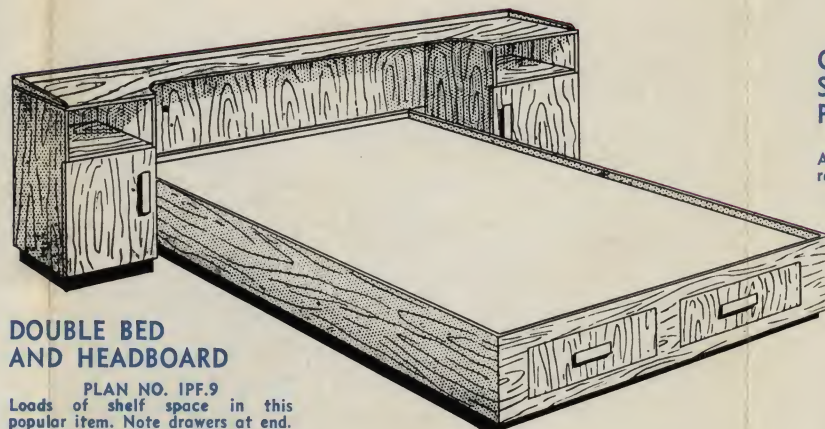
RADIO CABINET WITH DRAWERS

PLAN NO. IPF.4
A shelf for portable radio or books. Ideal as a sectional furniture divider.



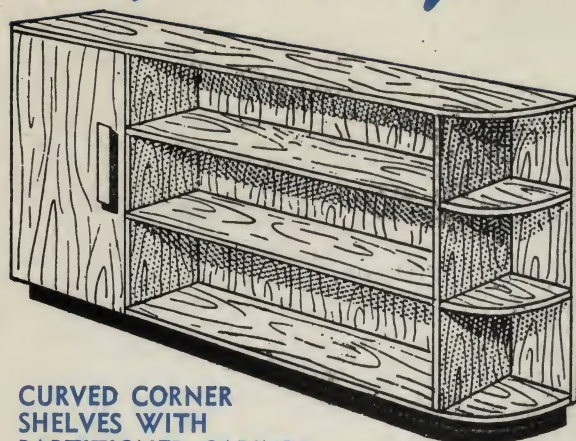
DOUBLE BED AND HEADBOARD

PLAN NO. IPF.9
Loads of shelf space in this popular item. Note drawers at end.



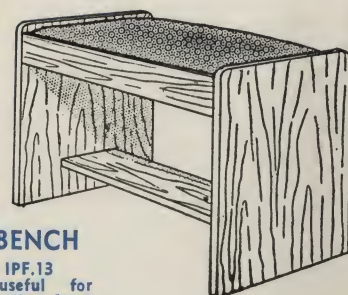
CURVED CORNER SHELVES WITH PARTITIONED CABINET

PLAN NO. IPF.3
Adjust to any required length to fit room space. Attractive and practical.



VANITY BENCH

PLAN NO. IPF.13
Simple and useful for variety dresser. Use foam rubber seat.



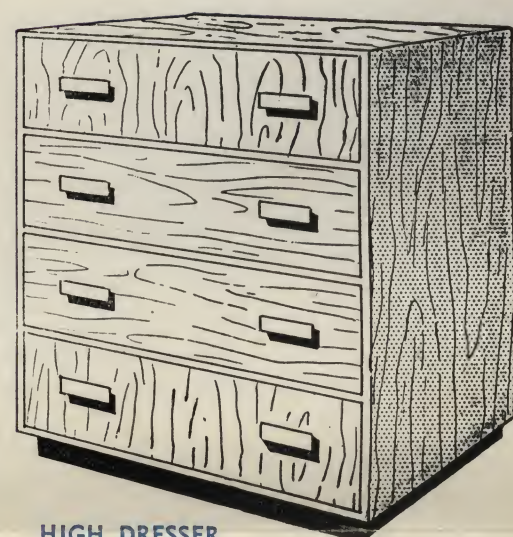
FLOWER BOX WITH SHELVES

PLAN NO. IPF.1
Practical for winter plants, shelves used for books or nick-nacks.



VANITY DRESSER

PLAN NO. IPF.10
A must in every woman's boudoir. Lots of drawers with glass shelf for cosmetics.



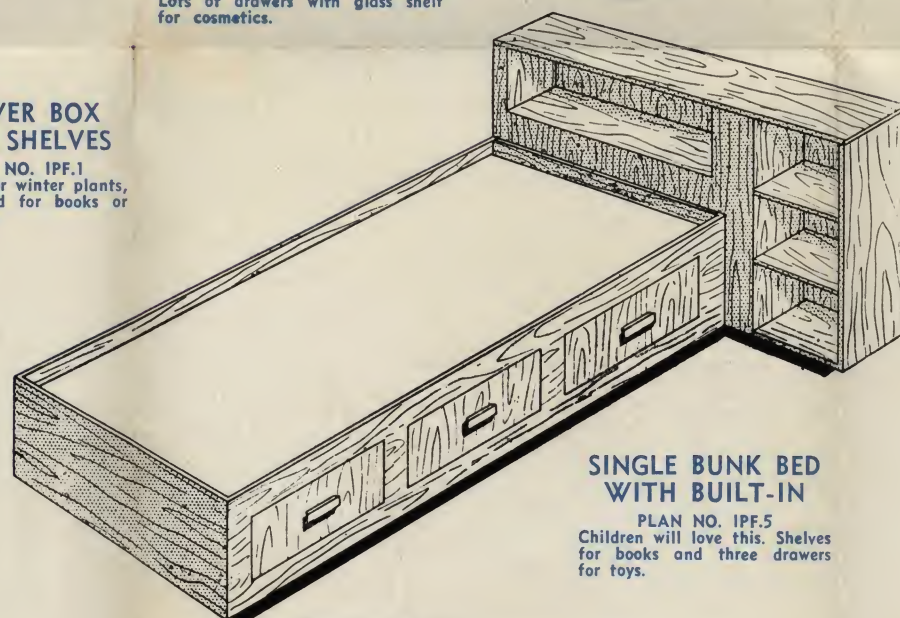
HIGH DRESSER

PLAN NO. IPF.11
Completes an effective bedroom set. The man will like the drawer space.



RECORD PLAYER AND CABINET

PLAN NO. IPF.2
A useful article for den or child's room, with pull-out shelf.



SINGLE BUNK BED WITH BUILT-IN

PLAN NO. IPF.5
Children will love this. Shelves for books and three drawers for toys.



CORNER TABLE

PLAN NO. IPF.7
Spacious and practical for sectional furniture setting. Strong and sturdy.



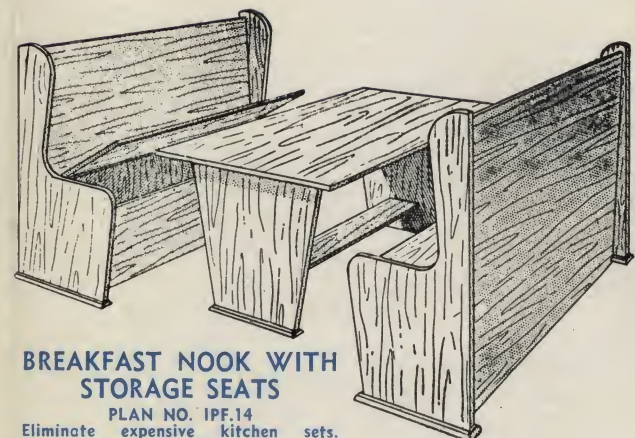
COFFEE TABLE WITH GLASS TOP

PLAN NO. IPF.8
Lovely for living room. Can be made with glass top or solid plywood.



LOW DRESSER

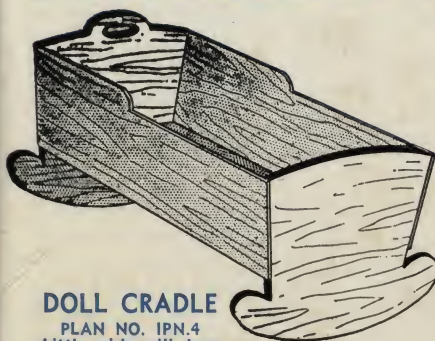
PLAN NO. IPF.12
To match vanity and bed. Large, spacious drawers, neat appearance.



BREAKFAST NOOK WITH STORAGE SEATS

PLAN NO. IPF.14
Eliminate expensive kitchen sets. Storage seats will prove most practical.

Attractive and Practical **NOVELTIES** For the Children!

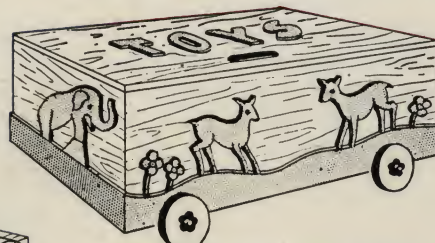
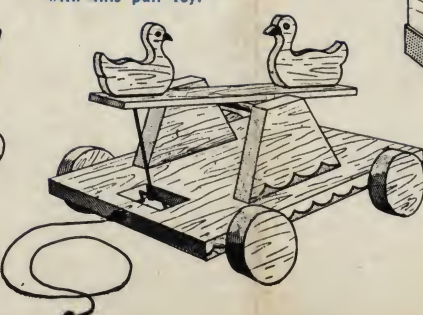


DOLL CRADLE

PLAN NO. IPN.4
Little girls will love this easy-to-make cradle.

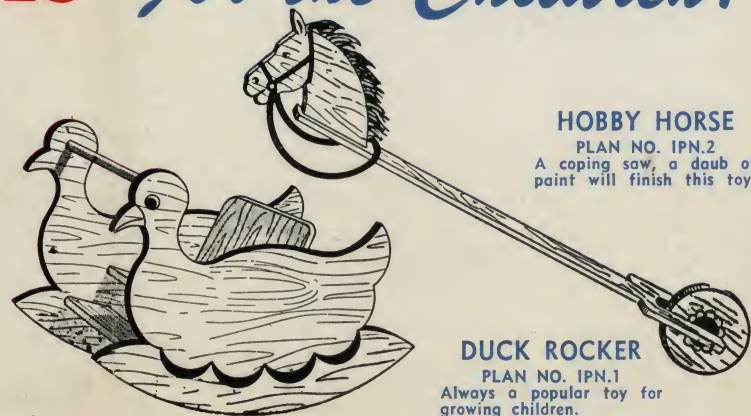
MECHANICAL PULL TOY

PLAN NO. IPN.5
Keep the toddler interested for hours with this pull toy.



PORTABLE TOY BOX

PLAN NO. IPN.3
Dress it up with decals or cut-outs. Easy to move around.



HOBBY HORSE

PLAN NO. IPN.2
A coping saw, a dab of paint will finish this toy.

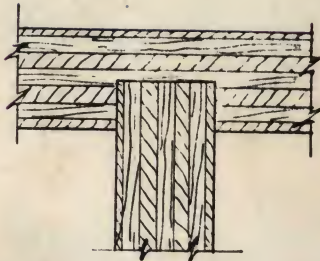
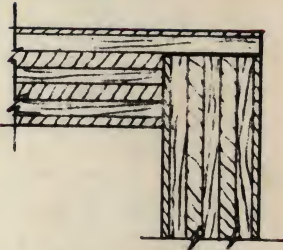
DUCK ROCKER

PLAN NO. IPN.1
Always a popular toy for growing children.

Here Are Some Practical JOINT TREATMENTS that are easy to make

SHOULDER JOINT

This is a joint treatment easily made with a hand saw. When nailed and glued it provides a good solid corner.

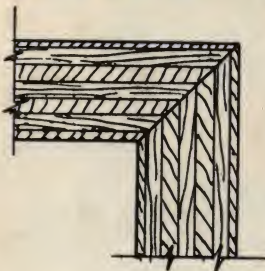
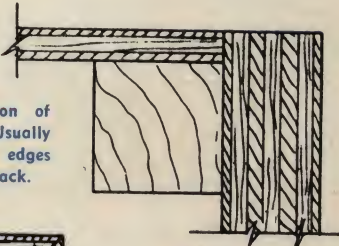


HOUSED OR MORTISED JOINT

Ideal joint for overhang edge required against walls to allow for thickness at present baseboard.

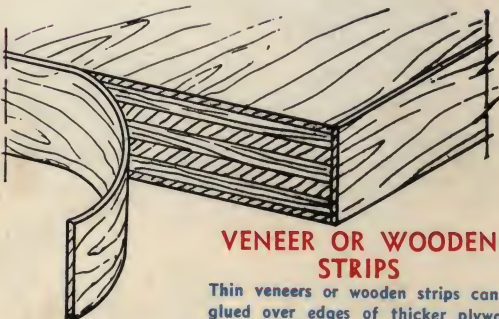
BUTT JOINT WITH WOOD CLEAT

Preferable for application of thin plywood backing. Usually cleat is glued on both edges and screws applied at back.



MITRE CORNER JOINT

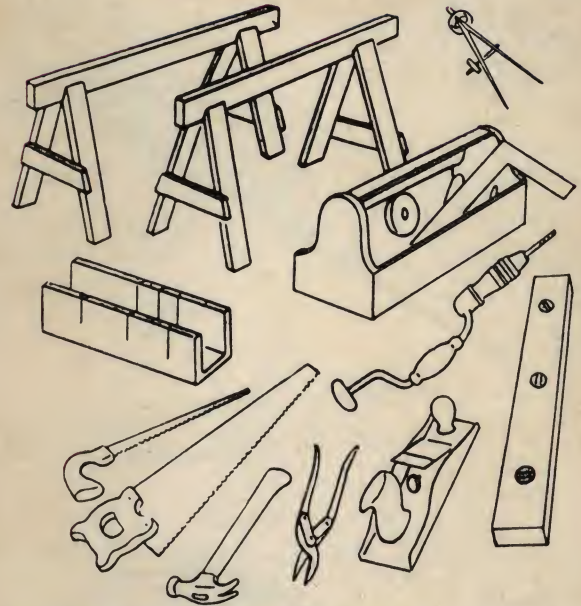
For clean corner facing and eliminates plys showing. Should be glued and held with finishing nails.



VENEER OR WOODEN STRIPS

Thin veneers or wooden strips can be glued over edges of thicker plywoods to cover the ply facing and provide solid effect.

USE GOOD TOOLS To Make a Good Job!



Remember that IP. Birch Plywood is a hardwood and the tools you use must be sharp. A fine-toothed saw, eight or ten teeth to the inch, is necessary to give a smooth cutting edge. Trestles, mitre box, level, plane, sandpaper, square, nail punch, measuring tape, etc., are all necessary equipment. If you are the lucky owner of power tools they make construction of these pieces much easier.

Here's How To Get the FREE HOBBY PLANS

You can have any of the designs illustrated. Simply list the number of the ones you want on a sheet of paper, showing your name and full address and mail it to "Plywood Plan Dept. 131" of the firm shown below.

PORT BUILDING SUPPLY CO.

2701 ARGONNE PH. FL 4-2250

PORTSMOUTH, OHIO

INTERNATIONAL PANEL BOARDS LIMITED

GATINEAU • QUEBEC

Digitized by:



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL

www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:
Mike Jackson, FAIA